| | | Asr 1 | n Asn | Ala | Gln | Leu 5 | Arg | Glu | Asp | va] | l Arg 10 | Ile | Arg | Phe | Ala | Asn 15 | Thr |
|--------------------|-----|----------|------------|-------------------|----------------------|--------------------|------------------------------|-------------------|-----------|-----------|-------------|-----|-----|-----------|-----------|-----------|-----|
| 5 | | Asp | Asp | Ala | Leu 20 | Ile | Thr | Ala | Ile | Asr 25 | ı Asn | Phe | Thr | Leu | Thr | Ser | Phe |
| 10 | | Glu | Ile | Pro 35 | Leu | Leu | Ser | Val | Tyr 40 | Val | Gln | Ala | Ala | Asn 45 | Leu | His | Leu |
| | | Ser | Leu 50 | | | | | | | | | | | | | | |
| . 15 | (2) | INFO | RMAT] | ON F | FOR S | SEQ 1 | D NC | 35 | : | | | | | | | | |
| 20 21 - 21 - 25 | | (i) | (B) (C) | LEN TYP STR | GTH: E: a ANDE | 50 minc DNES | TERIS amin aci ss: s inea | o ao d ingl | cids | | | | | | | | |
| A TOTAL | | (xi) | SEQU | ENCE | DES | CRIP | TION | : SE | Q II | ONO | :35: | | | | | | |
| Ar Piles | | Asn 1 | Asn | Pro | Ala | Ser 5 | Gln | Glu | Arg | Val | Arg 10 | Thr | Arg | Phe | Arg | Leu 15 | Thr |
| | | Asp | Asp | | Ile 20 | Val | Thr | Gly | Leu | Pro 25 | Thr | Leu | Ala | Ile | Arg 30 | Asn | Leu |
| 30 | | Glu | Val | Val . 35 | Asn | Leu | Ser ' | Val | Tyr 40 | Thr | Gln | Ala | | Asn 45 | Leu | His | Leu |
| 35 | | Ser | Leu 50 | | | | | | | | | | | | | | |
| | (2) | INFOR | ITAMS | ON F | OR S | EQ I | D NO | :36: | | | | | | | | | |
| 40 45 | | (i) | (B) (C) | LEN TYP STR | GTH: E: a ANDE | 50 mino DNES | ERIS' amino acio S: s: inea: | o ac d ingl | ids | | | | | | | | |
| •5 | | (xi) | SEQU | ENCE | DES | CRIP | TION | : SE | Q II | NO: | 36: | | | | | | |
| 50 | | Asn 1 | Asn | Pro | Glu | Thr 5 | Arg ' | Thr | Arg | Val | Ile 10 | Asp | Arg | Phe | Arg | Ile 15 | Leu |
| | | Asp | Gly | | Leu 20 | Glu | Arg | Asp | Ile | Pro 25 | Ser | Phe | Arg | Ile | Ser 30 | Gly | Phe |

| | | | | 35 | | | | | 40 | | | | | 45 | | | Deu |
|--|---|---|-----------|-----------|-----------|----------|-------|-------|-----------|-----------|-----------|-----|-----|-----------|-----------|-----------|-----|
| 5 | | Ala | Ile 50 | • | | | | | | | | | | | | | |
| | (2) INFORMATION FOR SEQ ID NO:37: | | | | | | | | | | | | | | | | |
| 10 15 | | (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | | | | | | | | | | | | |
| 13 | | (xi) | SEQ | UENC | E DE | SCRI | PTIO | N: S | EQ I | D NO | :37: | | | | | | |
| 20 | | Asp 1 | Asn | Pro | Val | Thr 5 | Arg | Thr | Arg | Val | Val 10 | Asp | Arg | Phe | Arg | Ile 15 | Leu |
| | | Asp | Gly | Leu | Leu 20 | Glu | Arg | Asp | Ile | Pro 25 | Ser | Phe | Arg | Ile | Ala 30 | Gly | Phe |
| | | Glu | Val | Pro 35 | Leu | Leu | Ser | Val | Tyr 40 | Ala | Gln | Ala | Ala | Asn 45 | Leu | His | Leu |
| Hanne Hanne H | | Ala | Ile 50 | | | | | | | | | | | | | | |
| | (2) INFORMATION FOR SEQ ID NO:38: | | | | | | | | | | | | | | | | |
| 30 30 10 10 10 10 10 10 10 10 10 10 10 10 10 | (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | | | | | | | | | | | | | |
| 40 | (| (xi) | SEQU | JENCE | DES | CRIE | PTION | V: SE | EQ II | ONO: | 38: | | | | | | |
| | | Thr 1 | Asn | Pro | Ala | Leu 5 | Lys | Glu | Glu | Met | Arg 10 | Thr | Gln | Phe | Asn | Asp 15 | Met |
| 45 | | Asn | Ser | Ile | Leu 20 | Val | Thr | Ala | Ile | Pro 25 | Leu | Phe | Ser | Val | Gln 30 | Asn | Tyr |
| | | Gln | Val | Pro 35 | Phe | Leu | Ser | Val | Tyr 40 | Val | Gln | Ala | Ala | Asn 45 | Leu | His | Leu |
| 50 | | Ser | Val 50 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Glu Val Pro Leu Leu Ser Val Tyr Ala Gln Ala Ala Asn Leu His Leu

(2) INFORMATION FOR SEQ ID NO:39:

| | Gl | u Ile | Pro 35 | Leu | Leu | Thr | Val | 1 Ty: | r Val | l Glr | n Ala | Ala | Asr 45 | ı Lei | ı His | Leu |
|---|---|-------------|-------------|-----------|----------|------|--------|-----------|-----------|-----------|-------|-----|-----------|-----------|-----------|-----|
| 5 | Se | r Leu 50 | | | | | | | | | | | | | | |
| | (2) INFORMATION FOR SEQ ID NO:44: | | | | | | | | | | | | | | | |
| 10 | (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | | | | | | | | | | | | |
| | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:44: Asp Asn Glu Ala Ala Lys Ser Arg Val Ile Asp Arg Phe Arg Ile L | | | | | | | | | | | | | | | |
| 20 | Asp 1 | Asn | Glu | Ala | Ala 5 | Lys | Ser | Arg | Val | Ile 10 | Asp | Arg | Phe | Arg | Ile 15 | Leu |
| 20 1 1 2 2 2 2 2 2 5 2 5 2 5 1 | Asp | Gly | | Ile 20 | Glu | Ala | Asn | Ile | Pro 25 | Ser | Phe | Arg | Ile | Ile 30 | Gly | Phe |
| 25 14 | Glu | Val | Pro 35 | Leu | Leu | Ser | Val | Tyr 40 | Val | Gln | Ala | Ala | Asn 45 | Leu | His | Leu |
| | Ala | Leu 50 | | | | | | | | | | | | | | |
| | (2) INFO | RMATI(| ON F | OR S | EQ I | D NO | : 45 : | : | | | | | | | | |
| | (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear | | | | | | | | | | | | | | | |
| 40 | (xi) | SEQUI | ENCE | DES | CRIP | TION | : SE | EQ II | NO: | 45: | | | | | | |
| | Asp 1 | Asn _ | Thr I | | Ala 5 | Arg | Ser | Arg | Val | Thr 10 | Glu | Arg | Phe | Arg | Ile 15 | Ile |
| 45 | Asp | Ala | | Ile 20 | Glu | Ala | Asn | Ile | Pro 25 | Ser | Phe | Arg | Ile | Pro 30 | Gly | Phe |
| | Glu | Val : | Pro 1 35 | Leu | Leu | Ser | Val | Tyr 40 | Ala | Gln | Ala | Ala | Asn 45 | Leu | His | Leu |
| 50 | Ala | Leu 50 | | | | | | | | | | | | | | |

(2) INFORMATION FOR SEQ ID NO:46: